

Saxon Math Course 1 – Student Edition

Hardbound textbook. Saxon Math's integrated and distributed instructional plan helps all students achieve mastery of the standards by building in time to learn, time to process, and time to practice.

This program correlates to the KY State Standards (Combined Curriculum Document). A copy of this correlation is available on request and can be found on our website at www.saxonmath.com.

Contract Price

\$53.05

Grade

6

TYPE

P1

Copyright

2007

Author

Stephen Hake

Edition

1st

Content

6th Grade Mathematics

Readability

6.7 (Dale-Chall)

Accessibility

Nimas

Research

<http://saxonpublishers.harcourtachieve.com/HA/Resources/ResourceCenter/RCHome.aspx>

Teacher Edition

9781600320699	\$91.55
Saxon Math Course 1 – Teacher's Manual	

Essential Items

Ancillary Items

9781591418184	\$29.15
Saxon Math - Course 1-3 Instructional Posters	
9781600321696	\$286.00
Saxon Math – Course 1-3 Adaptations Manipulatives Kit	
9781591418214	\$27.05
Saxon Math Course 1 – Adaptations Student Workbook	
9781591418306	\$135.00
Saxon Math Course 1 – Adaptations Teacher Binder Set	
9781591418238	\$6.25
Saxon Math Course 1 – Power Up Workbook	
9781600320330	\$7.30
Saxon Math Course 1 – Written Practice Workbook	
9781591418290	\$306.80
Saxon Math Course 1-3 Manipulative Kit	

Free with Purchase items

9781591417972	Saxon Math Course 1 - Adaptations For Saxon Math Classroom	\$33.30
For every twenty (20) Course 1 student editions purchased, one Course 1 Adaptations for Saxon Math		
9781591418047	Saxon Math Course 1 - Instructional Transparencies	\$20.80
For every twenty (20) Course 1 student editions purchased, the school will receive, upon request, one		
9781591418115	Saxon Math Course 1 - Course Assessments	\$49.95
For every twenty (20) Course 1 student editions purchased, the school will receive, upon request, one		
9781591418153	Saxon Math Course 1 - Reteaching Masters	\$14.60
For every twenty (20) Course 1 student editions purchased, the school will receive, upon request, one		
9781591418177	Saxon Math Course 1 - Solutions Manual	\$26.00
For every twenty (20) Course 1 student editions purchased, the school will receive, upon request, one		
9781591418191	Saxon Math Course 1 - Instructional Masters	\$49.95
For every twenty (20) Course 1 student editions purchased, the school will receive, upon request, one		
9781600320705	Saxon Math Course 1 - Teacher Technology Package	\$182.00
For every twenty (20) Course 1 student editions purchased, the school will receive, upon request, one		
9781602773530	Saxon Math Course 1 - Instructional Presentations CD	\$91.55
For every twenty (20) Course 1 student editions purchased, the school will receive one free Instructional		
9781602774605	Saxon Math Course 1 - Test and Practice Generator CD - Examview	\$239.25
For every twenty (20) Course 1 student editions purchased, the school will receive one free Test and		

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 9781591417835		Publisher - Saxon, an imprint of HMH Supplemental Publishers Inc.		Provided by the Publisher
	Saxon Math Course 1 – Student Edition				
	Type - P1	Author - Stephen Hake			
	Copyright - 2007	Edition - 1st	Readability - 6.7 (Dale-Chall)		
	Course - 6th Grade Mathematics		Grade(s) - 6		
Teacher Edition ISBN if applicable 9781600320699					

Overall Recommendation:	Recommended as BASAL
Overall Strengths, Weaknesses, Comments:	if this box is not checked, the evaluators have chosen NOT recommend as basal
<p>The textbook uses a skill-based approach. Problem sets contain far more problems from previous material than from the current objective. Most activities focus on use of algorithms rather than critical thinking, and few problems involve higher-order thinking skills.</p>	

NIMAC Accessibility N
Ancillary Yes
Free with Purchase Yes
Research Yes

<http://saxonpublishers.harcourtachieve.com/HA/Resources/ResourceCenter/RCHome.aspx>

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CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations	Strong Evidence
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Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:

- | | |
|--|-----------------|
| a) Number Properties and Operations | Strong Evidence |
| b) Measurement | Strong Evidence |
| c) Geometry | Strong Evidence |
| d) Data Analysis and Probability | Strong Evidence |
| e) Algebraic Thinking | Strong Evidence |

2) Addresses content-specific enduring understandings from the related Program of Studies standards.

Strong Evidence

3) Addresses content-specific skills and concepts from the related Program of Studies standards.

Strong Evidence

4) Content addressed is current, relevant and non-trivial

Strong Evidence

5) Provides opportunities for critical thinking/reasoning

Moderate Evidence

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

Textbook addresses Grade 6 Program of Studies content. Few activities involve higher-order thinking skills.

B. Functionality & Suitability

Moderate Evidence

1) Suitability

Strong Evidence

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality

Moderate Evidence

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy

Moderate Evidence

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

Note: may apply to either student or teacher editions

4) Connections to Technology

Little or No Evidence

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners

Moderate Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Key vocabulary is presented in the margins of lessons as well in the glossary. Technology use is limited, with some references to calculator use. Content is often presented as individual skills with solution algorithms rather than conceptually. Problem sets include large numbers

Evaluation Tool for Basal Instructional Materials
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of problems from previous lessons, but the connection between skills is not well-developed.
Differentiation is limited in the text (but ancillary materials are provided for this purpose).

C. Supports Inquiry and Skill Development

Moderate Evidence

1) Promotes Inquiry, research and Application of Learning

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Moderate Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

A small proportion of problems involve higher-order thinking; the focus of the text is DOK1/DOK2 questions. Technology use is limited. Individual skills are not well-connected to other mathematics.

D. Supports Best Practices of Teaching and Learning

Moderate Evidence

1) Engages Students

Moderate Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Moderate Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Few activities are extended to the DOK3 level. Some activities involve the application of an algorithm rather than simulations or problem-solving.

E. Has an Organization/ Format that Supports Learning and Teaching

Moderate Evidence

1) Organizational Quality

Moderate Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Moderate Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Problem sets contain questions from a wide variety of topics with little internal organization. Each lesson has objectives, but the text contains only a few problems in each section that deal with the daily objective.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Moderate Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Ancillary materials include additional problem sets (with problems grouped by objective!), adaptations for diverse learners, and materials for remediation.
